

Release notes for ENDF/B Development dec-057\_La\_155  
evaluation

**ENDF**  
**B-VII**.dev

October 13, 2016

- fizcon Errors:

1. Energies released in decay not adding up!  
*MAT=1913, MF= 8, MT=457 (1): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1913, MF= 8, MT=457
TOTAL ENERGY RELEASE SUMUP FAILURE
WHOLE= 7.81640E+06 SUM= 4.65059E+06
```

2. Energies released in decay not adding up!  
*MAT=1913, MF= 8, MT=457 (2): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1913, MF= 8, MT=457
GAMMA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 1.67063E+06 SUM= 1.68715E+06
```

3. Energies released in decay not adding up!  
*MAT=1913, MF= 8, MT=457 (3): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1913, MF= 8, MT=457
BETA MULTIPLICITY SUMUP FAILURE
WHOLE= 1.00000E+00 SUM= 1.00023E+00
```

4. Energies released in decay not adding up!  
*MAT=1913, MF= 8, MT=457 (4): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1913, MF= 8, MT=457
BETA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 2.52390E+06 SUM= 2.52890E+06
```

5. Energies released in decay not adding up!  
*MAT=1913, MF= 8, MT=457 (5): Bad energy sum*

```
ERROR(S) FOUND IN MAT=1913, MF= 8, MT=457
NEUTRON AVERAGE ENERGY SUMUP FAILURE
WHOLE= 4.28978E+05 SUM= 4.34542E+05
```